

Title (en)

AN EXHAUST SYSTEM AND A METHOD FOR CONTROLLING A FLOW OF EXHAUST GASES

Title (de)

ABGASSYSTEM UND VERFAHREN ZUR STEUERUNG EINES STROMS VON ABGASEN

Title (fr)

SYSTÈME D'ÉCHAPPEMENT ET PROCÉDÉ DE COMMANDE D'UN FLUX DE GAZ D'ÉCHAPPEMENT

Publication

**EP 3551855 B1 20210616 (EN)**

Application

**EP 17881431 A 20171130**

Priority

- SE 1651633 A 20161212
- SE 2017051191 W 20171130

Abstract (en)

[origin: WO2018111172A1] An exhaust system (1) of an internal combustion engine (2), comprising an engine exhaust conduit (4) and an aftertreatment system (3) including a main exhaust conduit (5) connected to the engine exhaust conduit and at least one catalytic converter (9), further comprising a bypass conduit (10) for allowing exhaust gases to bypass the aftertreatment system, an adjustable bypass port and an adjustable main port for controlling each of a flow of exhaust gases carried via the bypass conduit and the aftertreatment system respectively, and a control system configured to determine an amount of hydrocarbons currently stored in the catalytic converter and control the main port and the bypass port in independence of each other based on at least said amount of hydrocarbons and/or a temperature within the aftertreatment system.

IPC 8 full level

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CPC (source: EP KR SE)

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